RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/822, 873A_____

Source: _____ IFW/6_____

Date Processed by STIC: _____ 10/11/2006_____

ENTERED

CRF Errors Edited by the STIC Systems Branch

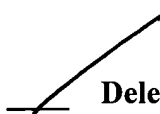Serial Number: _10/822, 873A_   CRF Edit Date: _10/11/2006_
                                        Edited by: _DA_

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

____ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

_____

____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
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_____

Revised 09/09/2003

RAW SEQUENCE LISTING   DATE: 10/11/2006
PATENT APPLICATION: US/10/822,873A   TIME: 12:52:29

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  4        Schuur, E.R.
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430 <210> SEQ ID NO: 3
431 <211> LENGTH: 12047
432 <212> TYPE: DNA
433 <213> ORGANISM: Homo sapiens
435 <400> SEQUENCE: 3
436 gaattcagaa ataggggaag gttgaggaag gacactgaac tcaaagggga tacagtgatt 60
438 ggtttatttg tcttctcttc acaacattgg tgctggagga attcccaccc tgaggttatg 120
440 aagatgtctg aacacccaac acatagcact ggagatatga gctcgacaag agtttctcag 180
442 ccacagagat tcacagccta gggcaggagg acactgtacg ccaggcagaa tgacatggga 240
444 attgcgctca cgattggctt gaagaagcaa ggactgtggg aggtgggctt tgtagtaaca 300
446 agagggcagg gtgaactctg attcccatgg gggaatgtga tggtcctgtt acaaatttt 360
448 caagctggca gggaataaaa cccattacgg tgaggacctg tggaggcggg ctgccccaac 420
450 tgataaagga aatagccagg tgggggcctt tcccattgta gggggacatt atctggcaat 480
452 agaagccttt gagacccttt agggtacaag tactgaggca gcaaataaaa tgaaatctta 540
454 ttttttcaact ttatactgca tgggtgtgaa gatatatttg tttctgtaca gggggtgagg 600
456 gaaaggaggg gaggaggaaa gttcctgcag gtctggtttg tcttgtgat ccaggggtc 660
458 ttggaactat ttaaattaaa ttaaattaaa acaagcgact gtttttaaatt aaattaaatt 720
460 aaattaaatt ttactttatt ttatcttaag ttctgggcta catgtgcagg acgtgcagct 780
462 ttgttacata ggtaaacgtg tgccatggtg gtttgctgta cctatcaacc catcacctag 840
464 gtattaagcc cagcatgcat tagctgtttt tcctgacgct ctccctctcc ctgactccca 900
466 caacaggccc cagtgtgtgt tgttcccctc cctgtgtcca tgtgttctca ttgttcagct 960
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: US/10/822,873A   TIME: 12:52:30

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\10112006\J822873A.raw**

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 12:52:30

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\10112006\J822873A.raw**

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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 12:52:30

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\10112006\J822873A.raw**

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Seq#:16; Line(s) 1290
Seq#:17; Line(s) 1291,1292,1293,1294,1295,1296,1297,1298,1299,1300,1301
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Seq#:18; Line(s) 1303,1304,1305,1306,1307,1308,1309,1310,1311,1312,1313
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Seq#:21; Line(s) 1339,1340,1341,1342,1343,1344,1345,1346,1347,1348,1349
Seq#:21; Line(s) 1350
Seq#:22; Line(s) 1351,1352,1353,1354,1355,1356,1357,1358,1359,1360,1361
Seq#:22; Line(s) 1362,1363,1364,1365,1366
Seq#:23; Line(s) 1367,1368,1369,1370,1371,1372,1373,1374,1375,1376,1377
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Seq#:24; Line(s) 1383,1384,1385,1386,1387,1388,1389,1390,1391,1392,1393
Seq#:24; Line(s) 1394
Seq#:25; Line(s) 1395,1396,1397,1398,1399,1400,1401,1402,1403,1404,1405
Seq#:25; Line(s) 1406
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Seq#:38; Line(s) 1551,1552,1553,1554,1555,1556,1557,1558,1559,1560,1561
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: US/10/822,873A   TIME: 12:52:30

Input Set : N:\DA\PTO.DA.txt
Output Set: N:\CRF4\10112006\J822873A.raw

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Seq#:45; Line(s) 1837,1838,1839,1840,1841,1842,1843,1844,1845,1846
Seq#:46; Line(s) 1847,1848,1849,1850,1851,1852,1853,1854,1855,1856,1857
Seq#:46; Line(s) 1858
Seq#:47; Line(s) 1859,1860,1861,1862,1863,1864,1865,1866,1867,1868,1869
Seq#:47; Line(s) 1870
Seq#:48; Line(s) 1871,1872,1873,1874,1875,1876,1877,1878,1879,1880,1881
Seq#:48; Line(s) 1882
Seq#:49; Line(s) 1883,1884,1885,1886,1887,1888,1889,1890,1891,1892,1893
Seq#:49; Line(s) 1894
Seq#:50; Line(s) 1895,1896,1897,1898,1899,1900,1901,1902,1903,1904,1905
Seq#:50; Line(s) 1906
Seq#:51; Line(s) 1907,1908,1909,1910,1911,1912,1913,1914,1915,1916,1917
Seq#:51; Line(s) 1918
Seq#:52; Line(s) 1919,1920,1921,1922,1923,1924,1925,1926,1927,1928,1929
Seq#:52; Line(s) 1930
Seq#:53; Line(s) 1931,1932,1933,1934,1935,1936,1937,1938,1939,1940,1941
Seq#:53; Line(s) 1942
Seq#:54; Line(s) 1943,1944,1945,1946,1947,1948,1949,1950,1951,1952,1953
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 12:52:30

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\10112006\J822873A.raw**

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Seq#:55; Line(s) 1980
Seq#:56; Line(s) 1981,1982,1983,1984,1985,1986,1987,1988,1989,1990,1991
Seq#:56; Line(s) 1992
Seq#:57; Line(s) 1993,1994,1995,1996,1997,1998,1999,2000,2001,2002,2003
Seq#:57; Line(s) 2004
Seq#:58; Line(s) 2005,2006,2007,2008,2009,2010,2011,2012,2013,2014,2015
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Seq#:59; Line(s) 2028
Seq#:60; Line(s) 2029,2030,2031,2032,2033,2034,2035,2036,2037,2038,2039
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VERIFICATION SUMMARY   DATE: 10/11/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 12:52:30

Input Set : **N:\DA\PTO.DA.txt**
Output Set: **N:\CRF4\10112006\J822873A.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

**Raw Sequence Listing before editing,
for reference only**

IFW16

RAW SEQUENCE LISTING   DATE: 10/06/2006
PATENT APPLICATION: US/10/822,873A   TIME: 10:22:32

Input Set : **N:\RJAVED\10822873.txt**
Output Set: **N:\CRF4\10062006\J822873A.raw**

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  4         Schuur, E.R.
  7 <120> TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
  9 <130> FILE REFERENCE: 348022000221
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 17 <150> PRIOR APPLICATION NUMBER: 08/495,034
 18 <151> PRIOR FILING DATE: 1995-06-27
 20 <160> NUMBER OF SEQ ID NOS: 71
 22 <170> SOFTWARE: PatentIn Ver. 2.0
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Does Not Comply
Corrected Diskette Needed
_(PR-1)_

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2172 <212> TYPE: DNA
2173 <213> ORGANISM: Unknown
2175 <220> FEATURE:
2176 <223> OTHER INFORMATION: Description of Unknown Organism: Unknown
2178 <400> SEQUENCE: 71
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E--> 2184 **Error! Main Document Only.**
E--> 2185 |||

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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/06/2006
PATENT APPLICATION: US/10/822,873A   TIME: 10:22:33

Input Set : **N:\RJAVED\10822873.txt**
Output Set: **N:\CRF4\10062006\J822873A.raw**

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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/06/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 10:22:33

Input Set : **N:\RJAVED\10822873.txt**
Output Set: **N:\CRF4\10062006\J822873A.raw**

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VERIFICATION SUMMARY   DATE: 10/06/2006
PATENT APPLICATION: **US/10/822,873A**   TIME: 10:22:33

Input Set : **N:\RJAVED\10822873.txt**
Output Set: **N:\CRF4\10062006\J822873A.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2183 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:2184 M:334 E: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:4
L:2185 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:71
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